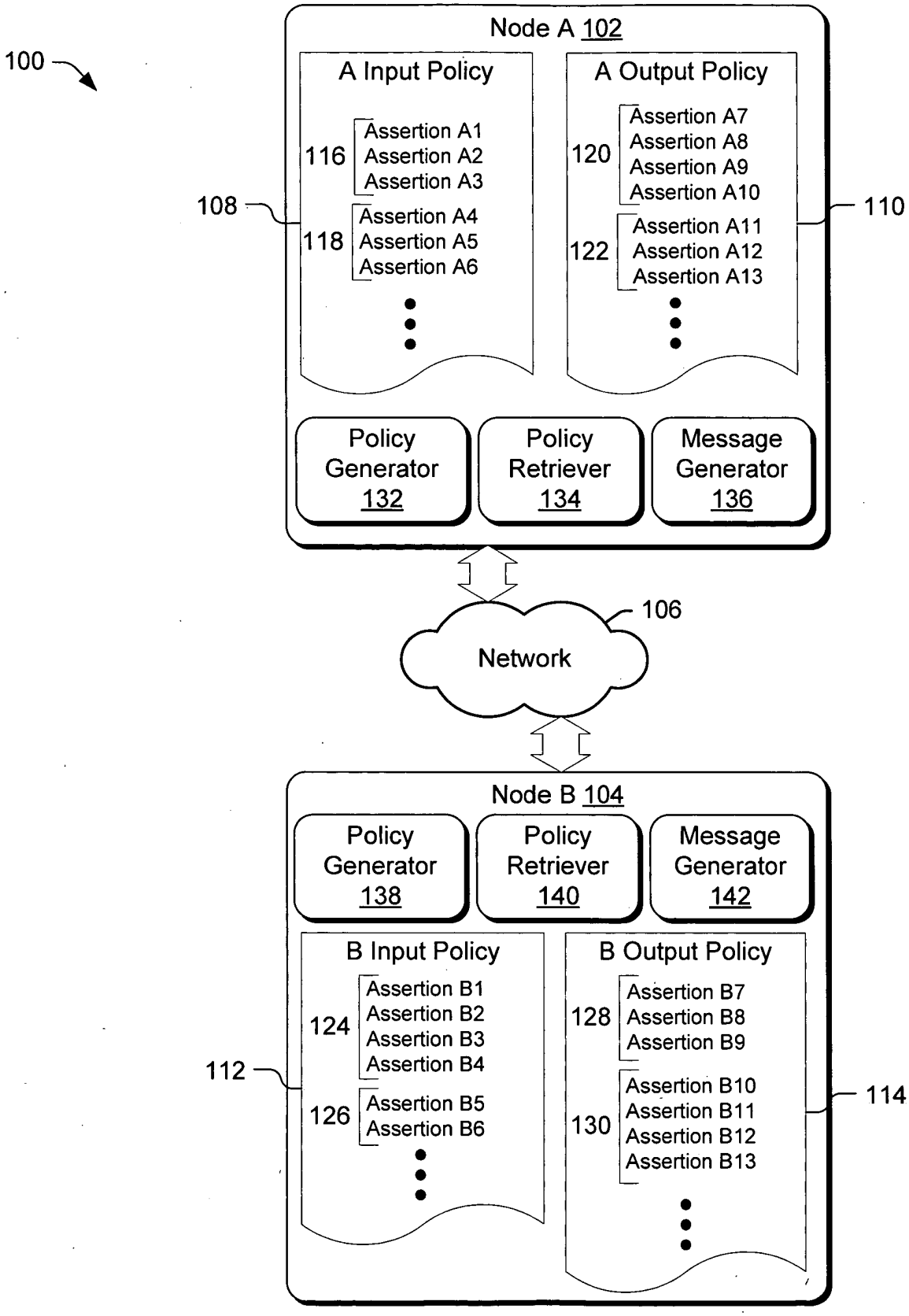

100
Node A 102
A Input Policy
116
Assertion A1
Assertion A2
Assertion A3
118
Assertion A4
Assertion A5
Assertion A6
108
A Output Policy
120
Assertion A7
Assertion A8
Assertion A9
Assertion A10
122
Assertion A11
Assertion A12
Assertion A13
110
Policy Generator 132
Policy Retriever 134
Message Generator 136
106
Network
Node B 104
Policy Generator 138
Policy Retriever 140
Message Generator 142
B Input Policy
124
Assertion B1
Assertion B2
Assertion B3
Assertion B4
126
Assertion B5
Assertion B6
112
B Output Policy
128
Assertion B7
Assertion B8
Assertion B9
130
Assertion B10
Assertion B11
Assertion B12
Assertion B13
114

Fig. 1

```
<wsp:Policy xmlns:wsse="..." xmlns:wssx="...">
  <wsp:ExactlyOne>                                          202
    <wsp:All wsp:Usage="wsp:Required" wsp:Preference="100">  208
      <wsse:SecurityToken>
        <wsse:TokenType>wsse:Kerberosv5TGT</wsse:TokenType>
      </wsse:SecurityToken>                                 204
      <wssx:Privacy />
    </wsp:All>                                              208
    <wsp:All wsp:Preference="1" wsp:Usage="wsp:Required">   210
      <wsse:SecurityToken>
        <wsse:TokenType>wsse:UsernameToken</wsse:TokenType>
      </wsse:SecurityToken>
      <wsse:Integrity>                                      206
        <wsse:Algorithm Type="wsse:AlgEncryption"
          URI="http://www.w3.org/2001/04/xmlenc#3des-cbc" />
      </wsse:Integrity>
      <wssx:Audit />
    </wsp:All>                                              210
  </wsp:ExactlyOne>                                         202
</wsp:Policy>
```

Fig. 2

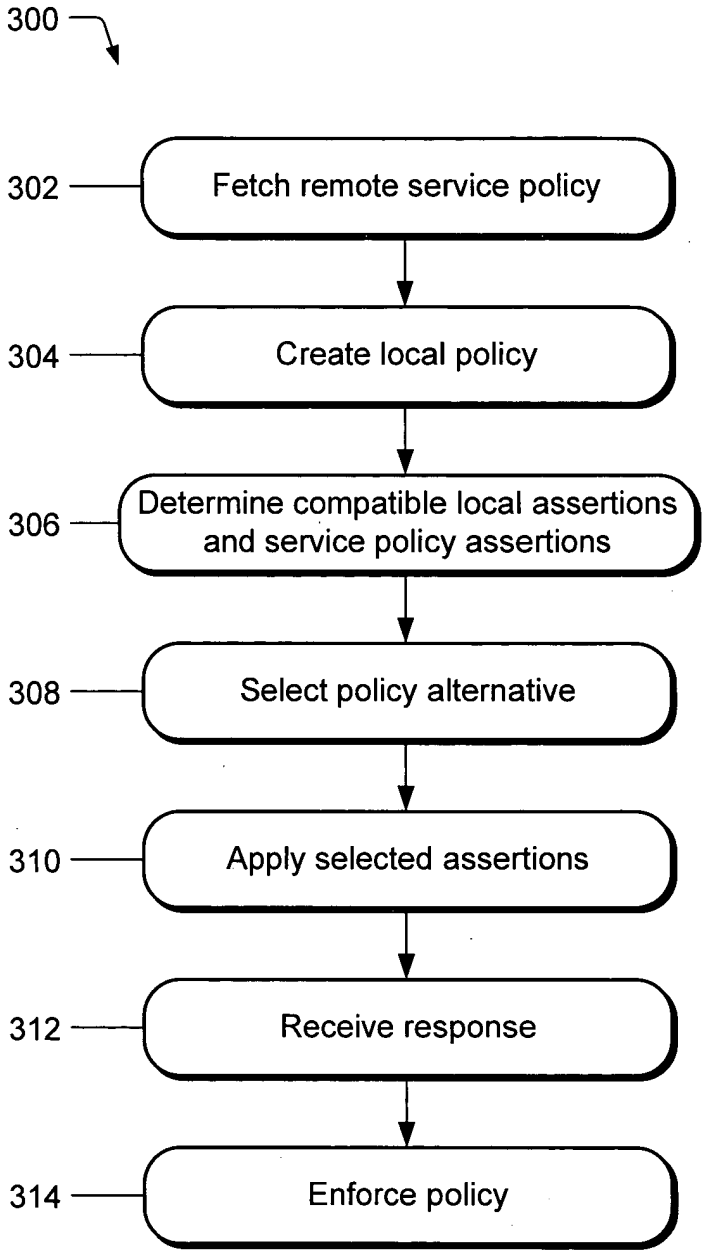

300
302
Fetch remote service policy
304
Create local policy
306
Determine compatible local assertions and service policy assertions
308
Select policy alternative
310
Apply selected assertions
312
Receive response
314
Enforce policy

Fig. 3

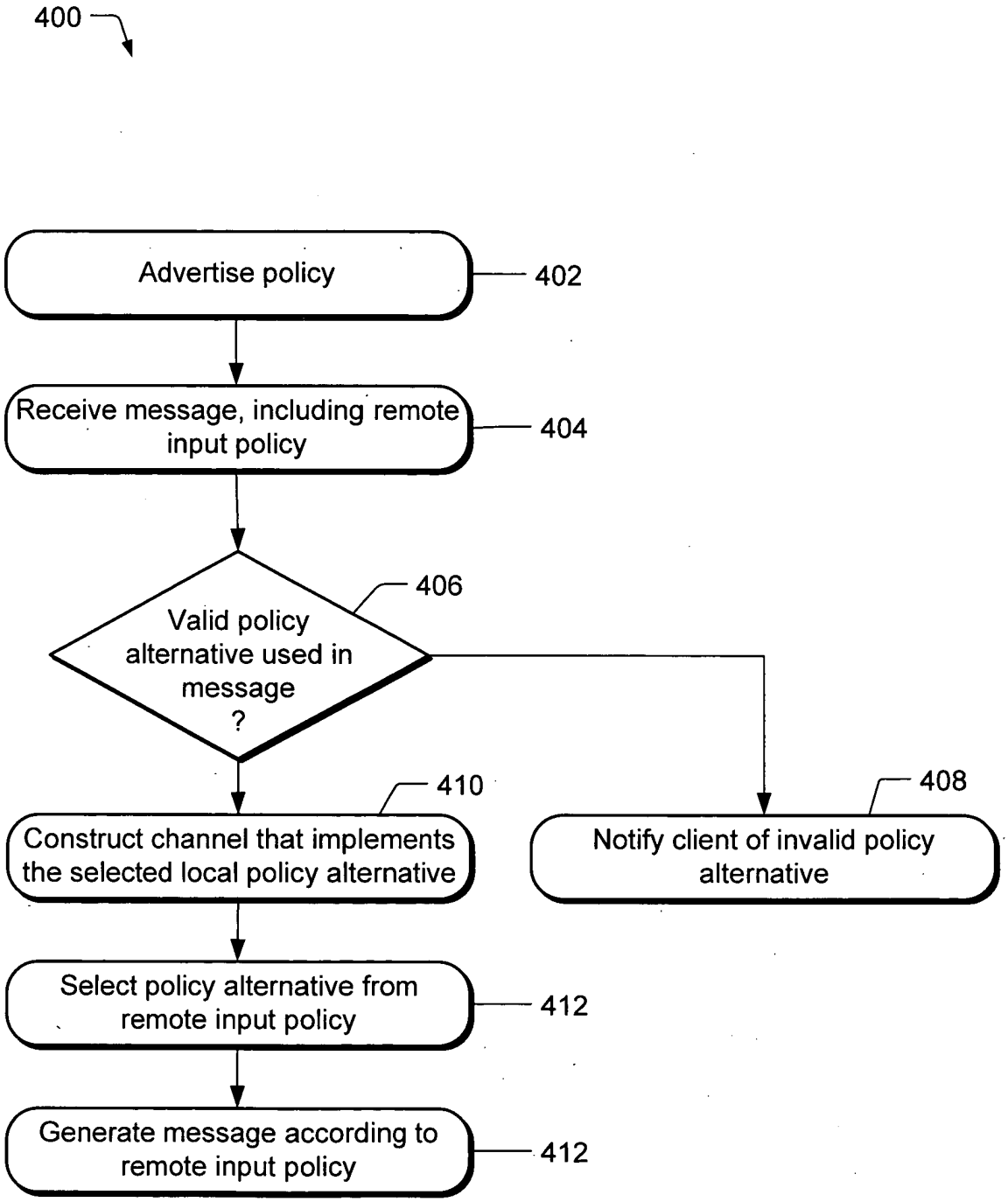
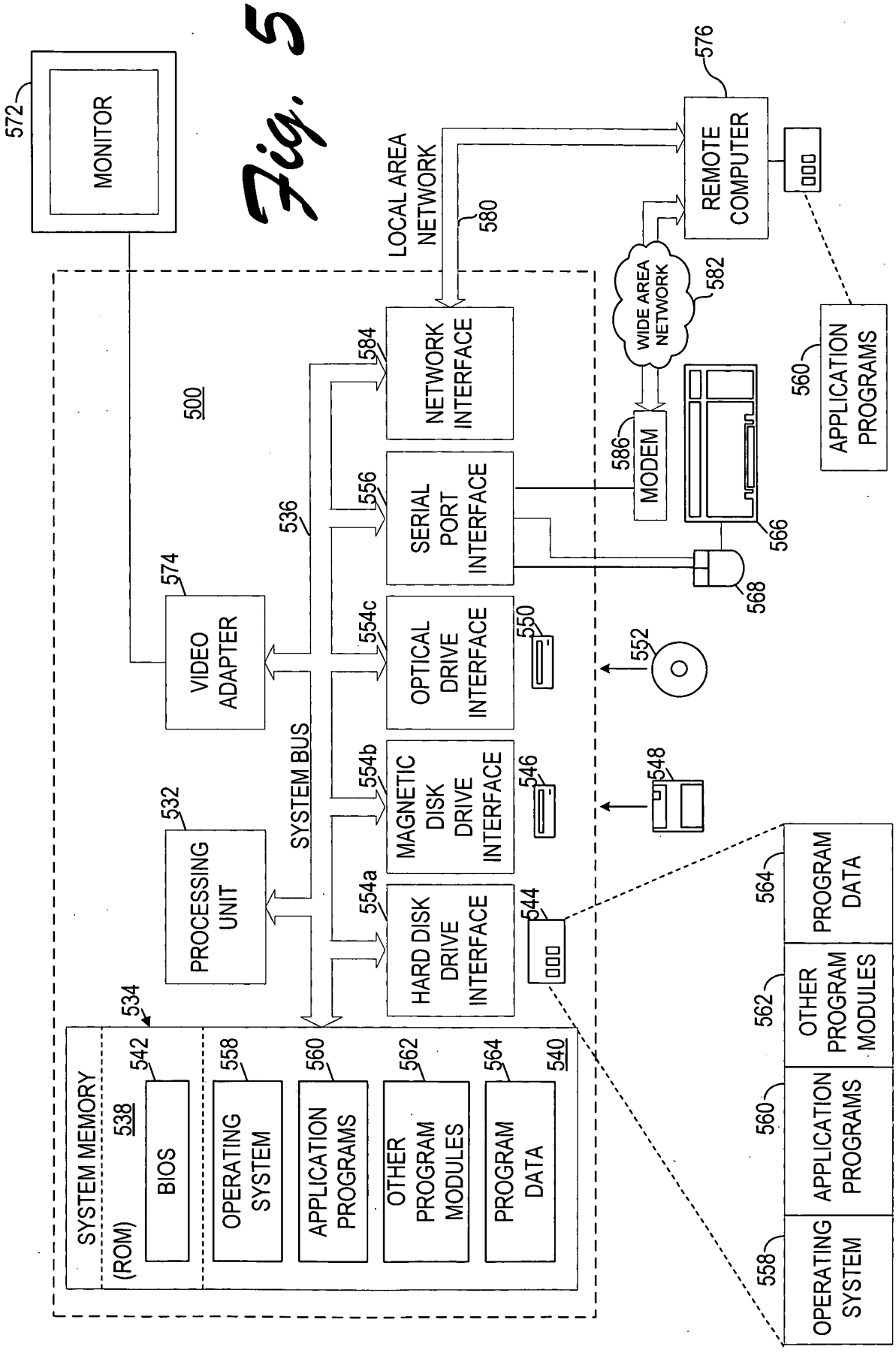

400
Advertise policy
402
Receive message, including remote input policy
404
Valid policy alternative used in message ?
406
Construct channel that implements the selected local policy alternative
410
Notify client of invalid policy alternative
408
Select policy alternative from remote input policy
412
Generate message according to remote input policy
412

Fig. 4

Fig. 5


MONITOR
572
500
LOCAL AREA NETWORK
580
REMOTE COMPUTER
576
WIDE AREA NETWORK
582
NETWORK INTERFACE
584
MODEM
586
APPLICATION PROGRAMS
560
SERIAL PORT INTERFACE
556
536
566
568
VIDEO ADAPTER
574
OPTICAL DRIVE INTERFACE
554c
550
552
SYSTEM BUS
MAGNETIC DISK DRIVE INTERFACE
554b
546
548
PROCESSING UNIT
532
HARD DISK DRIVE INTERFACE
554a
544
534
SYSTEM MEMORY
(ROM)
538
542
BIOS
OPERATING SYSTEM
558
APPLICATION PROGRAMS
560
OTHER PROGRAM MODULES
562
PROGRAM DATA
564
540
PROGRAM DATA
564
OTHER PROGRAM MODULES
562
APPLICATION PROGRAMS
560
OPERATING SYSTEM
558